



# ***The Navy's Environmental Program and Opportunities in the Southwest***

***Gold Coast Industry Forum  
August 27, 2013***

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# Regulatory Compliance Context

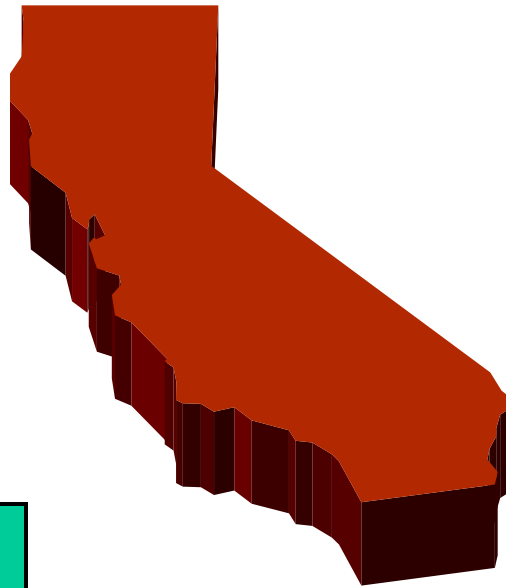


**High number of environmental bills, rules, and permits proposed each year**

**Majority of SW Navy and Marine Corps installations are in California**

**Regulations, rules, and permits are more stringent than federal requirements requiring extensive and labor-intensive recordkeeping and reporting**

**Level of regulatory oversight is evidenced by the high number of inspection days, environmental permits, and reporting requirements**



**This regulatory context leads to high environmental compliance and conservation costs**

California has aggressive, multi-level air, water, and other media regulatory agencies, including:

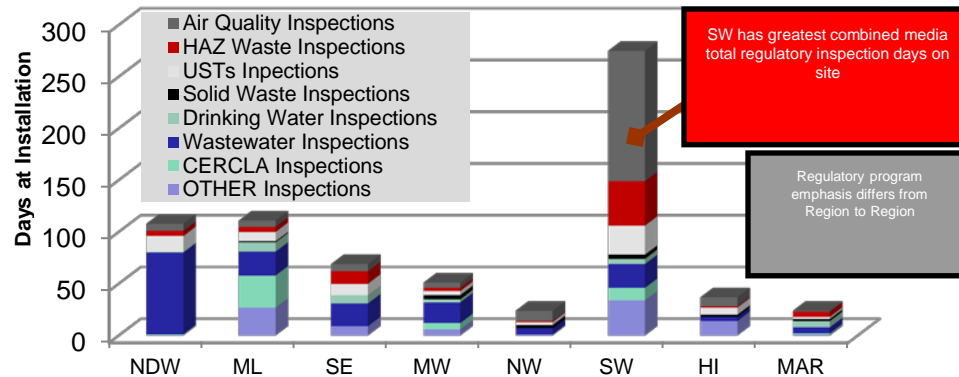
- California Air Resources Board (ARB)
- County Air Pollution Control Districts (APCDs) or Regional Air Quality Management Districts (AQMDs)
- California Water Resources Control Board
- Regional Water Quality Control Boards (9 regional boards in CA)
- Dept of Toxic Substances Control (DTSC)
- California Certified Unified Program Agencies (CUPA) (general county and local agencies)
- California Dept of Public Health
- State Lands Commission
- California Coastal Commission
- California Integrated Waste Management Board



# SW Environmental Business Line Regulatory Climate



## Agency Inspection Days by Region



## NEPA/Environmental Planning

### Number of CATEXs Produced (FY12)



FY 13 Navy In Progress:

~5 EISs, 2 NRSW

~25 EAs, 17 NRSW

## Conservation and Resource Management

### 47 Federally Listed Species

- NPS Monterey - 4
- NWS Seal Beach - 9
- NAS EI Cento - 2
- NAWS China Lake - 3
- NB Ventura County - 14
- NAS Lemoore - 1
- San Diego Metro / San Clemente Island - 35

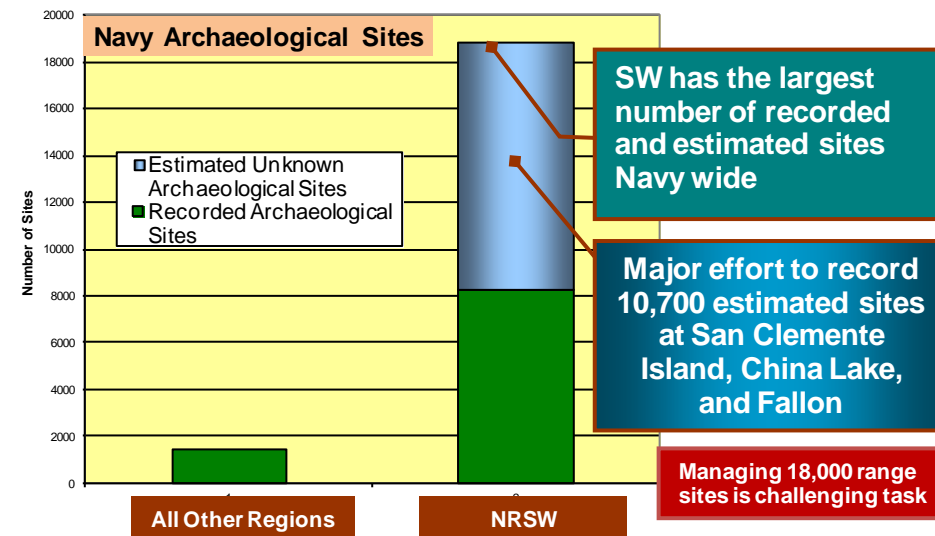


### 80% of Navy's Biological Opinions annually

### 21 INRMPs, 16 in revision

### Development of Operation and Effect letters ensure compliance with Sikes Act on most installations during INRMP update

## Cultural Resources





# Growth in the Southwest



**57% Increase in Projected Vessel Loading Expected by 2021**

- **Plant Replacement Value**

—\$29,748,445,150

- **Land Acreage**

—1,421,277

- **Ships and Aircraft**

—58 Surface Ships

—6 Submarines

—1 Aircraft Carriers

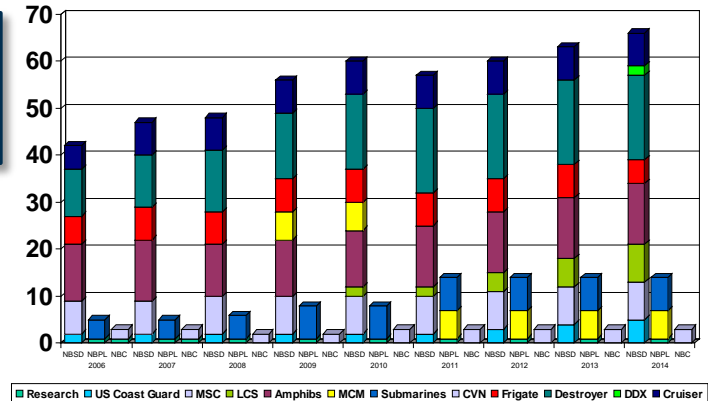
—576 Aircraft

- **Commands**

—617 Tenant Commands

—1 Hospital

—1 Research Graduate School



## Estimates for 2017:

- **Ships and Aircraft**

—68 Surface Ships

—6 Submarines

—3 Aircraft Carriers

—584 Aircraft

- **Commands**

—634 Tenant Commands

—1 Hospital

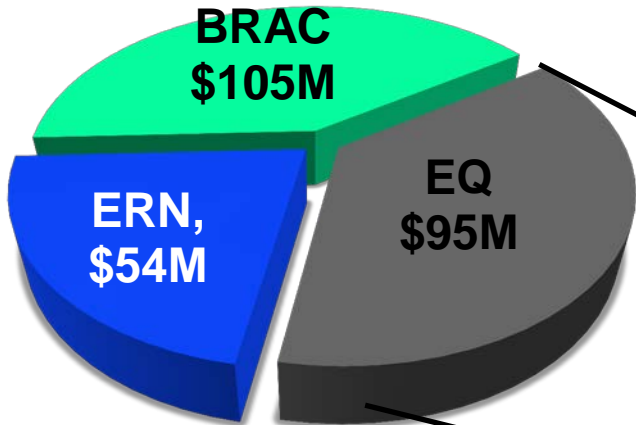
—1 Research Graduate School



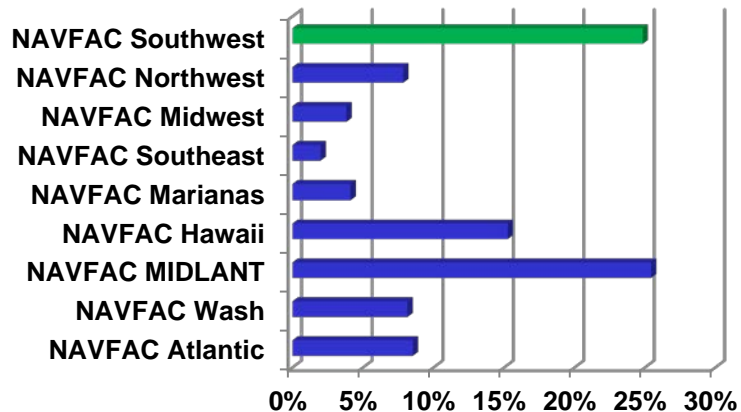
# NAVFAC SW FY13 Project Execution



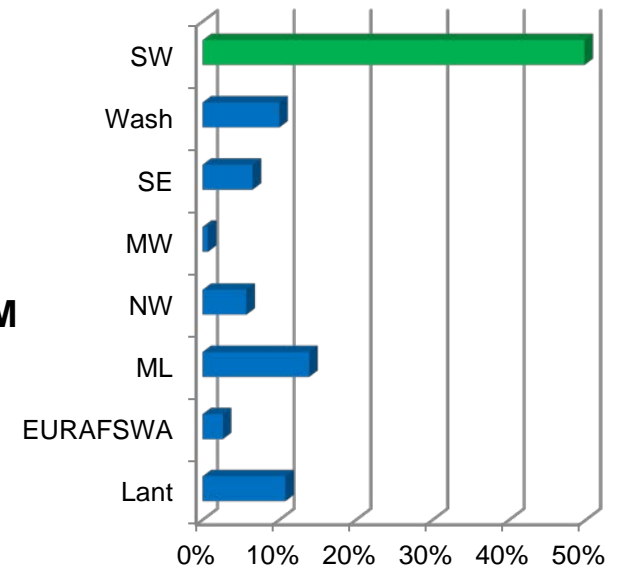
**FY13 Project Execution \$254M**



**ER,N Execution**



**LANT (EQ) Execution**

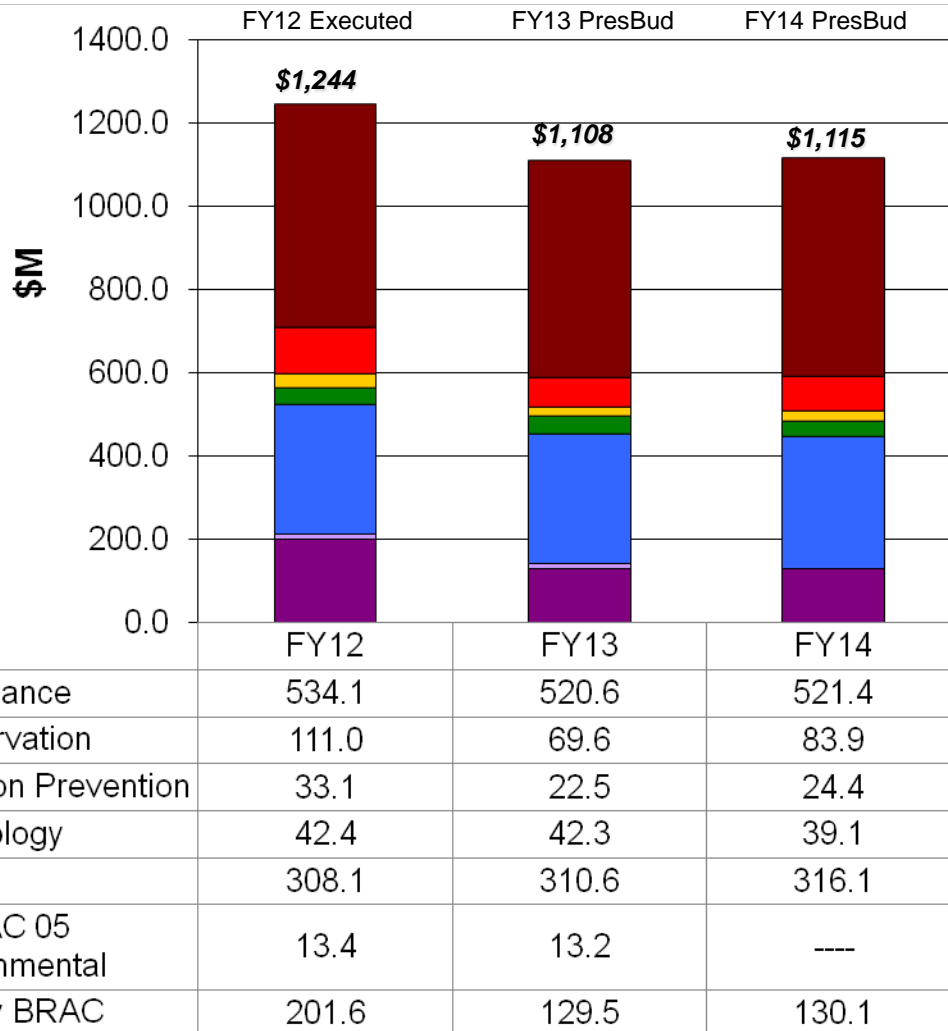


## FY12 Successes

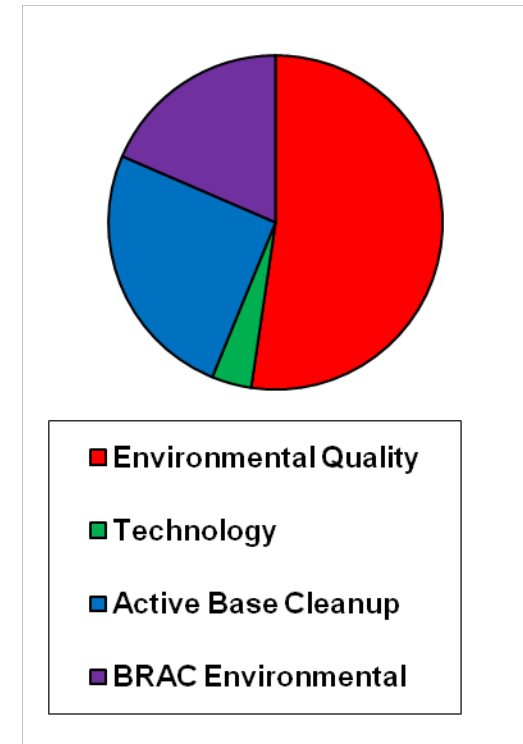
- 11 CNO Environmental Awards, 2 SECNAV, 1 SECDEF
- CA Governor's Environmental and Economic Leadership Award
- USFWS Military Conservation Partnership Award
- City of San Diego Recycler of the Year



# DON Environmental Budget (\$M)



**Distribution Chart:**  
PB14 Total = \$1,115M

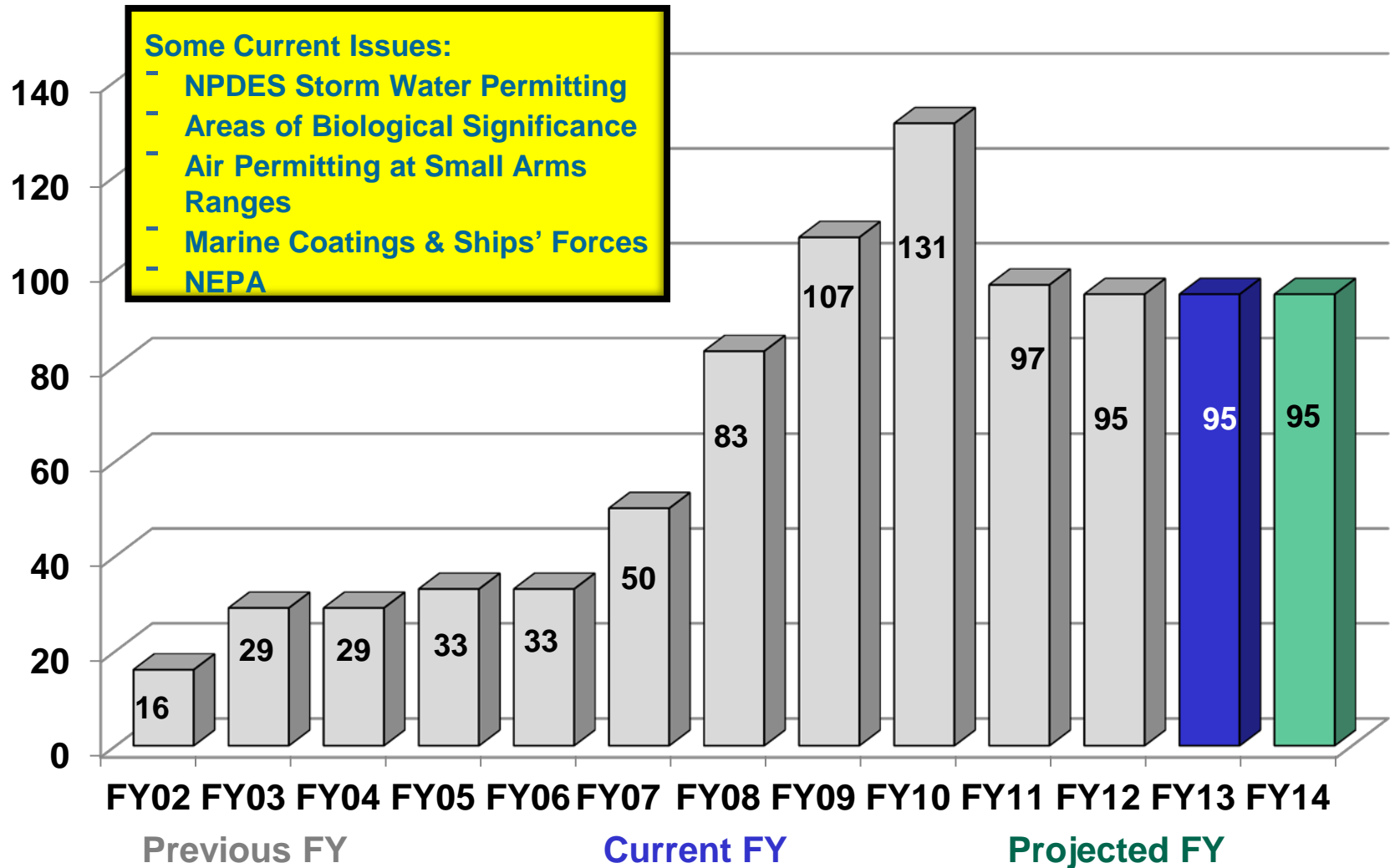


EQ



# NAVFAC SW

## Environmental Quality Program (\$M)







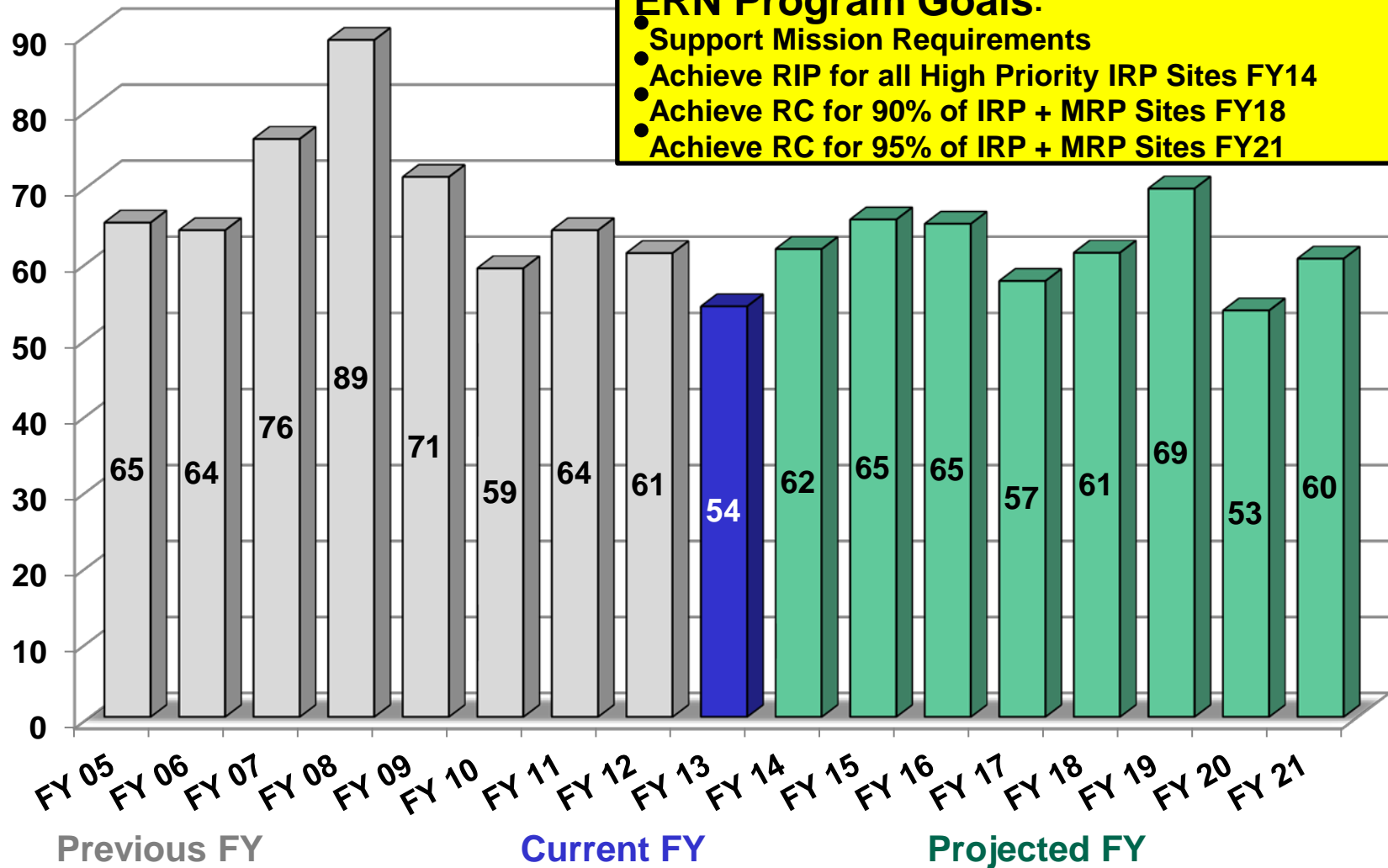
# NAVFAC SW



## Environmental Restoration, Navy (ER,N) Program (\$M)

### ERN Program Goals:

- Support Mission Requirements
- Achieve RIP for all High Priority IRP Sites FY14
- Achieve RC for 90% of IRP + MRP Sites FY18
- Achieve RC for 95% of IRP + MRP Sites FY21

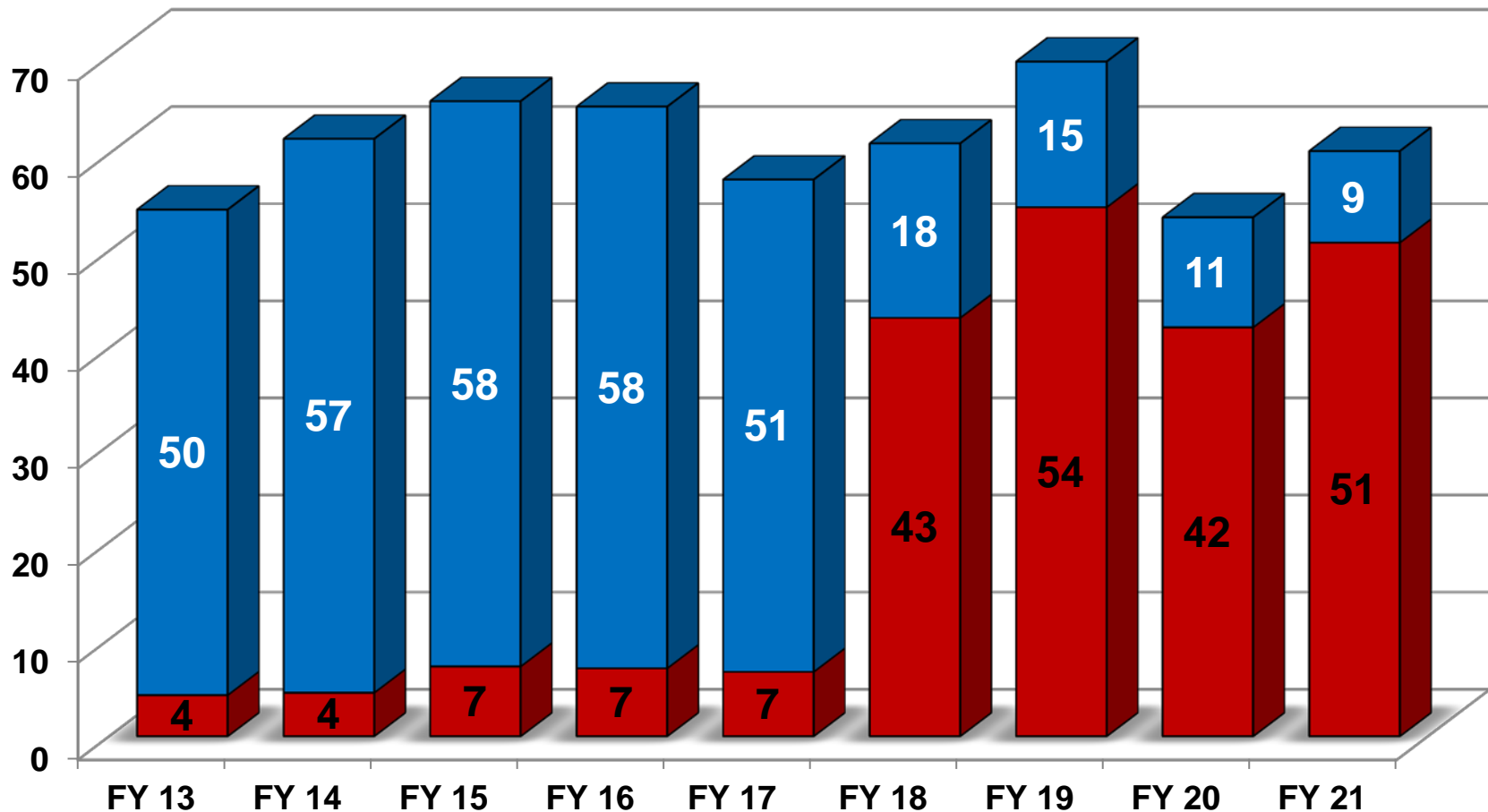




# ER,N IRP vs. MRP (\$M) NAVFAC SW



■ MRP ■ IRP

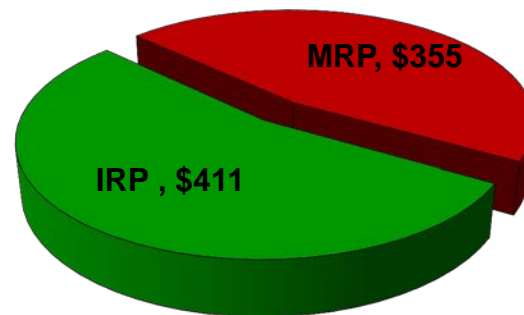




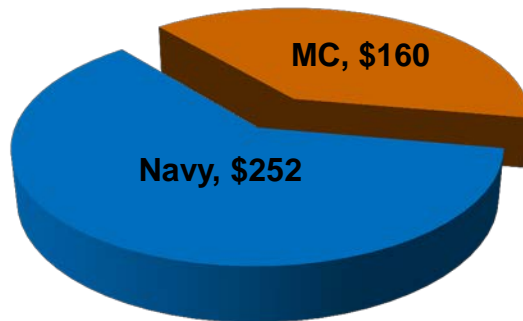
# Southwest ER,N Requirements

**Overall CTC: \$766M**  
**~54% IRP; ~46% MRP**

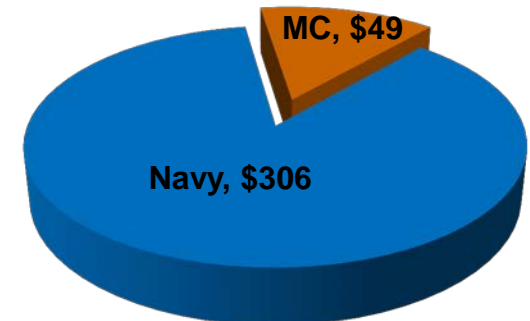
**ER,N Total Cost to Complete**



**Installation Restoration  
Cost to Complete**

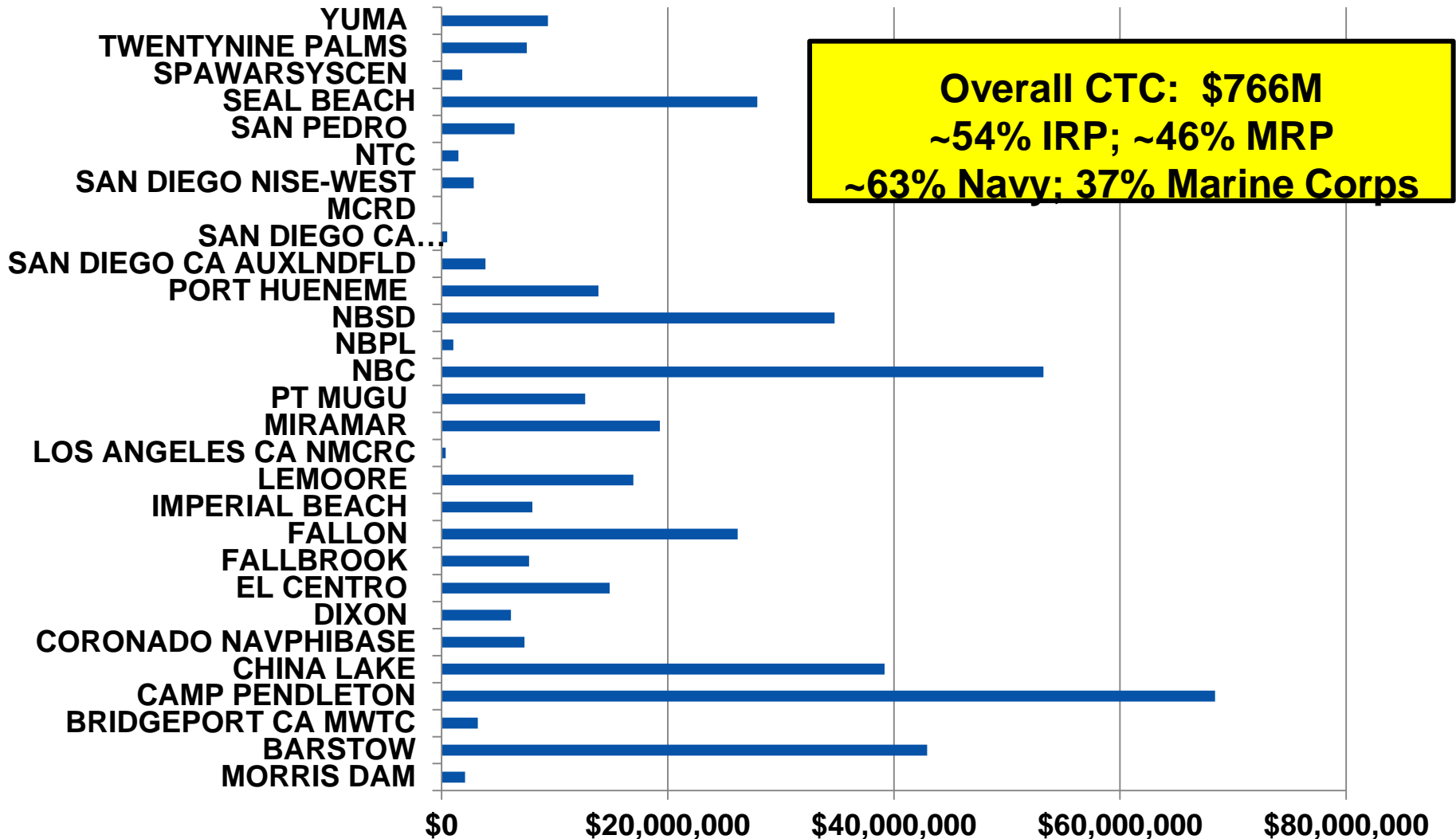


**Munitions Response  
Cost to Complete**





# IRP Funding Requirements by SW Installation - Cost-to-Complete





# MRP Funding Requirements by SW Installation - Cost-to-Complete

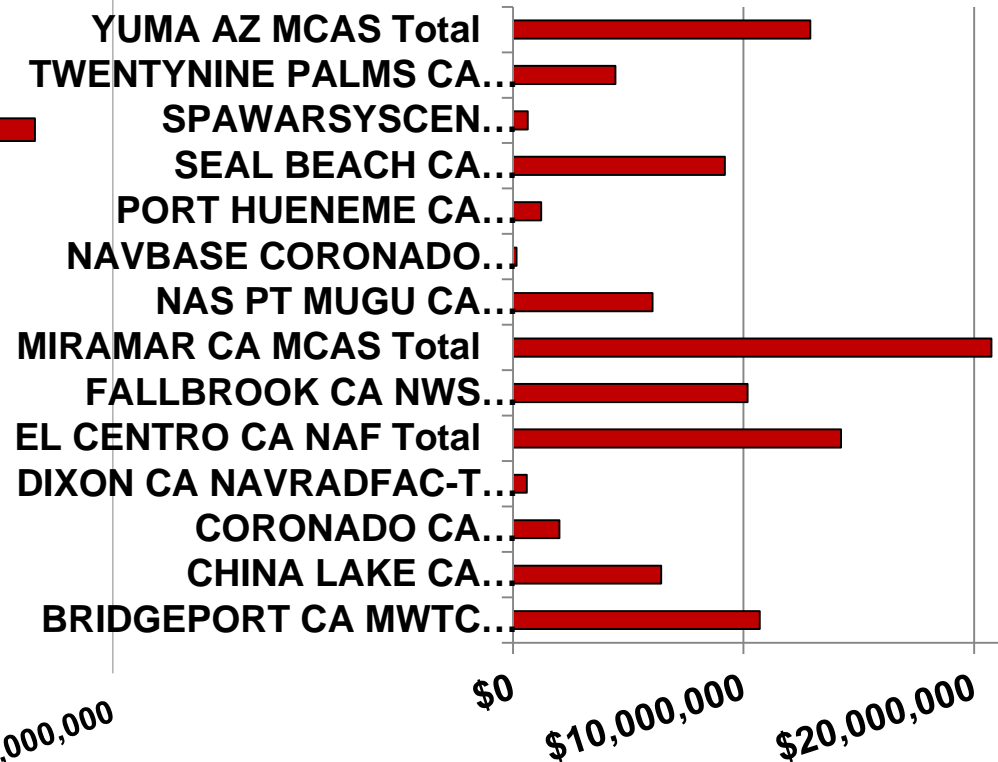
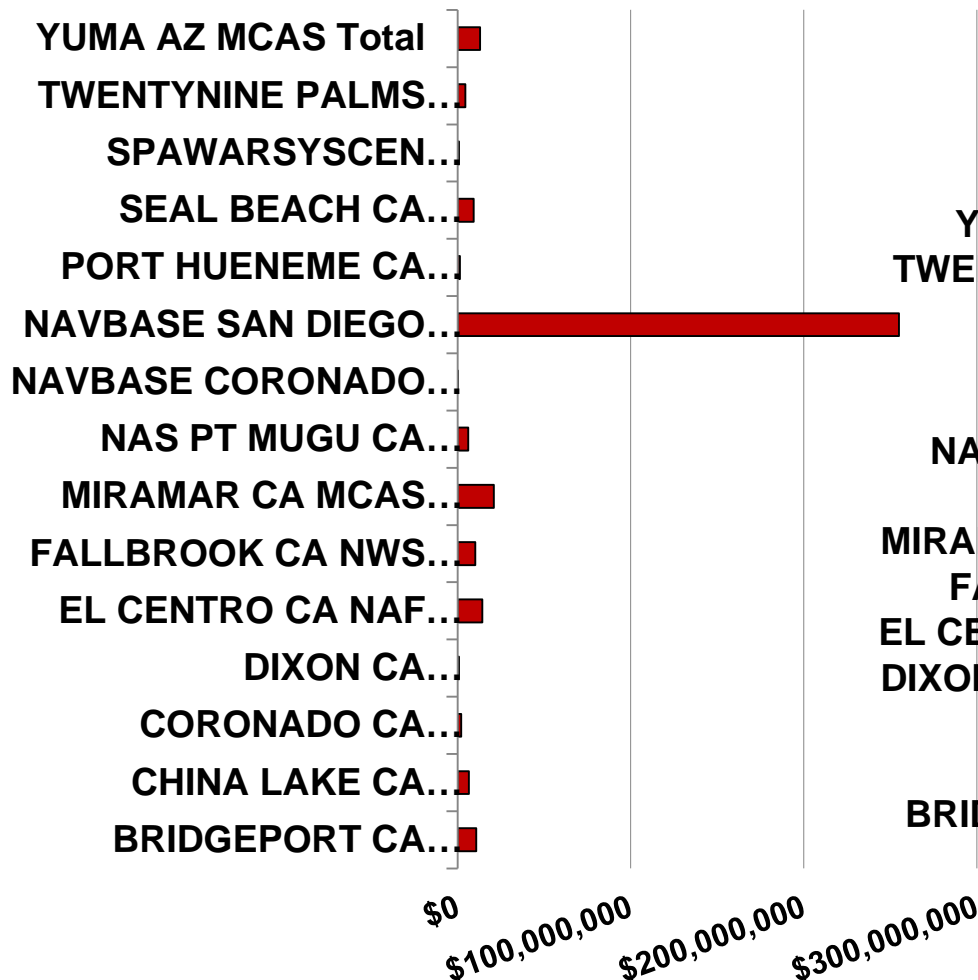


**MRP CTC \$355M**

**NBSD San Diego Bay UXO 100**

**~72% of MRP Budget**

**\*Note Graph on Right Does not include NBSD**

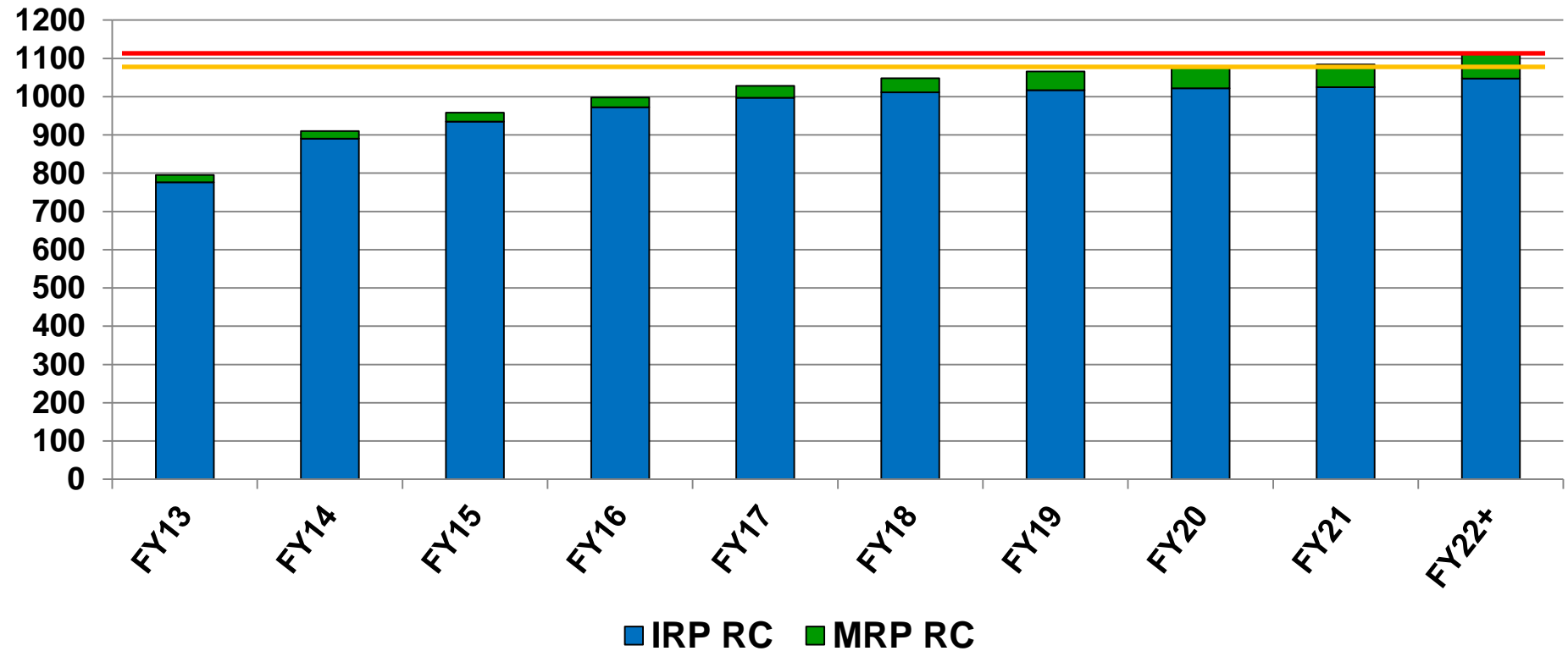




# NAVFAC SW ERN RC Metric Projection



## Cumulative Number of Sites Achieving RC versus Goals



EOFY 18: 90% of Sites RC (1003 sites)

EOFY 21: 95% Sites RC (1059 sites)

Response Complete Goals (1048 IRP and 67 MRP):

• 90% IRP and MRP by 2017 (exceed FY18 goal)

• 95% IRP and MRP by 2019 (exceed FY21 goal)



# *Installation Restoration CTC Focus Optimization / Green and Sustainable Remediation*



<b><i>Optimization Study Cost</i></b>	<b><i>Optimization Remedy Implement Cost</i></b>	<b><i>Actual Cost Avoidance</i></b>	<b><i>Potential Cost Avoidance</i></b>
<b><i>\$ 16,532,813 (599 sites)</i></b>	<b><i>\$ 18,964,422</i></b>	<b><i>\$ 177,602,506</i></b>	<b><i>\$ 352,775,248</i></b>

*ROI of 5.0 (Actual Cost) or 9.9 (Potential Cost)*

- Optimization efforts leading to more effective and efficient remediation solutions*
- Achieved cost avoidance of \$177M over last 7 years*

- Expanded optimization program to include Green and Sustainable Remediation (GSR)*



# Munitions Response CTC Focus

- **Terrestrial: Remedial Investigation focus over next several years**
  - Support technology transfer of new advanced sensors and algorithms into mainstream use



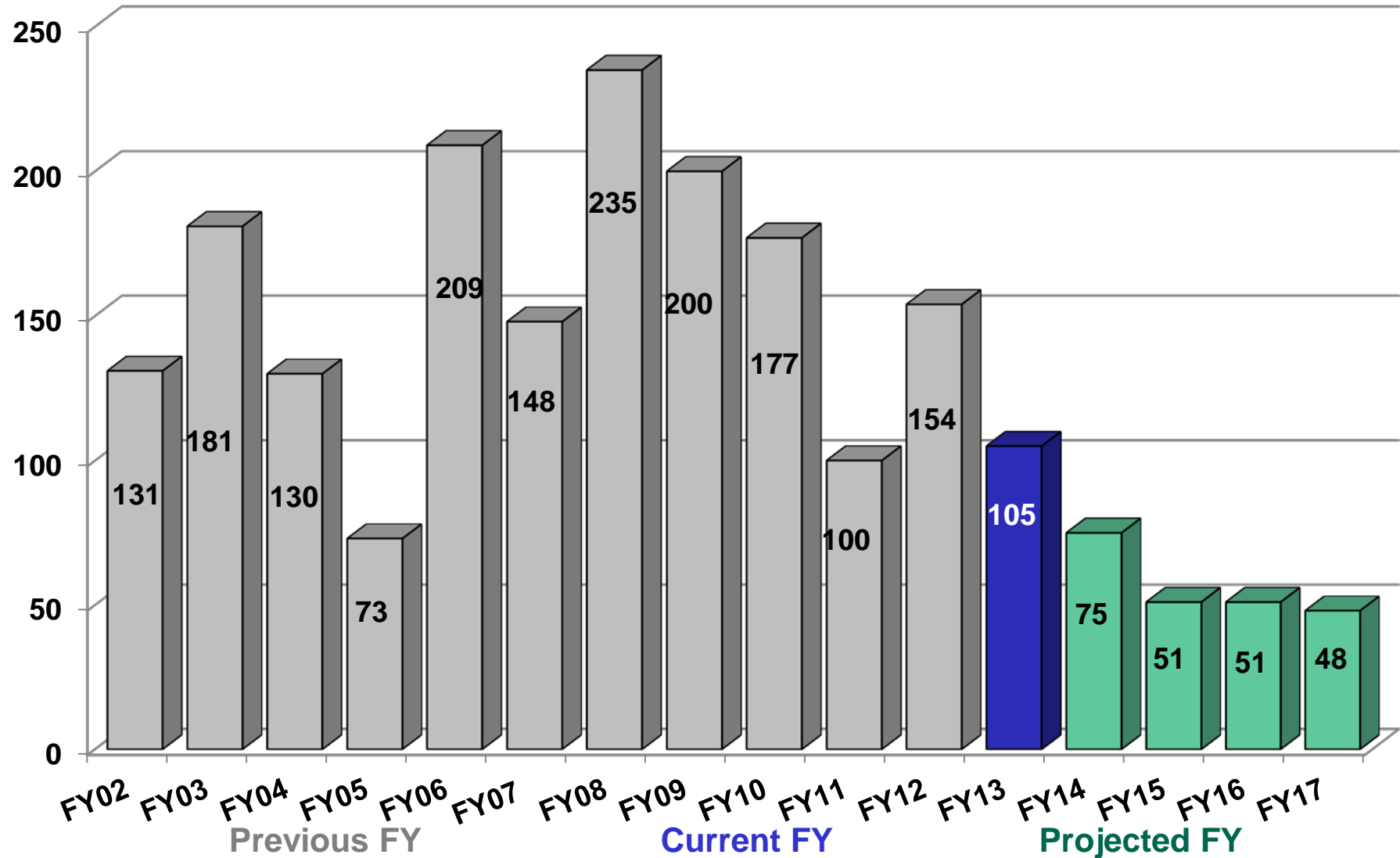
- **Underwater: Expanded Wide Area Assessment**







# BRAC Program Management Office West Program (\$M)





**\*\* Data contained herein is based on the best available information and is subject to change**



# *Environmental Contract Capacities*

PROGRAM	FY12 Execution	FY13 Planned Execution	Current Contract Capacities	FY13-15 Planned Solicitations
Restoration/BRAC	\$217M	\$159M	\$1,027M	\$270M
Compliance/ORC	\$93 M	\$73M	\$156M	\$200M
NEPA/NCR	\$15M	\$22M	\$51M	\$165M
<b>TOTALS</b>	<b>\$325M</b>	<b>\$254M</b>	<b>\$1,309M</b>	<b>\$635M</b>





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## SW EV Procurements Currently Underway

Contract Type	Scope	Location of Work	Contract Capacity/ Duration	Type	RFP Date	Projected Award Date
<b>Environmental Restoration</b>						
Remedial Action Contract (RAC) – Single Award IDIQ; Cost Plus Award Fee	Restoration	SW AOR	\$100M/ 5 yrs	Small Business	June 2011	1 <sup>st</sup> Qtr FY14
<b>Environmental Compliance</b>						
A-E Compliance Single Award IDIQ; Fixed Price	Storm Water- incidental potable water, wastewater, groundwater, water quality	NAVFAC Wide	\$30M/ 5 yrs	Small Business	June 2011	1 <sup>st</sup> Qtr FY14
8(a) CERCLA/RCRA Single Award IDIQ; Fixed Price	Compliance	SW AOR	\$20M/ 5 yrs	Small Business	March 2013	3 <sup>rd</sup> Qtr FY14
<b>NEPA</b>						
A-E Single Award IDIQ; Fixed Price	NEPA Infrastructure	SW AOR	\$30M/ 5 yrs	Small Business	August 2012	1 <sup>st</sup> Qtr FY14
A-E Single Award IDIQ; Fixed Price	NEPA In-Land Desert	SW AOR	\$30M/ 5yrs	Small Business	October 2012	2 <sup>nd</sup> Qtr FY14



# SW EV Planned Procurements

Contract Type	Scope	Location of Work	Contract Capacity/ Duration	Type	RFP Date	Projected Award Date
<b>Environmental Compliance / Restoration</b>						
Operational Range Sustainment EMAC	Restoration	SW AOR	\$100M/ 5 yrs	Small Business	1 <sup>st</sup> Qtr FY14	4 <sup>th</sup> Qtr FY14
Restoration 8(a) EMAC	Restoration	SW AOR	\$50M/ 5 yrs	Small Business	1 <sup>st</sup> Qtr FY14	4 <sup>th</sup> Qtr FY14
Restoration SB EMAC	Restoration	SW AOR	\$100M/ 5 yrs	Small Business	1 <sup>st</sup> Qtr FY14	4 <sup>th</sup> Qtr FY14
<b>NEPA/Natural/Cultural Resources</b>						
Natural Resources MASC; Fixed Price	Natural Resources Conservation and Regulatory Compliance	SW AOR	\$50M/ 5 yrs	Small Business	1 <sup>st</sup> Qtr FY14	4 <sup>th</sup> Qtr FY14
Natural Resources IDIQ; Fixed Price	Habitat Restoration	SW AOR	\$40M/ 5 yrs	Small Business	1 <sup>st</sup> Qtr FY14	4 <sup>th</sup> Qtr FY14
Natural Resources MASC; Fixed Price	Exotic Pest Plant Species Eradication	SW AOR	\$20M/ 5 yrs	Small Business	4 <sup>th</sup> Qtr FY13	3 <sup>rd</sup> Qtr FY14
Cultural Resources MASC; Fixed Price	Cultural Resources and Regulatory Compliance	SW AOR	\$50M/ 5 yrs	Small Business	1 <sup>st</sup> Qtr FY14	4 <sup>th</sup> Qtr FY14
A-E Single Award IDIQ; Fixed Price	NEPA In-Water Coastal	SW AOR	\$30M/ 5 yrs	TBD	2nd Qtr FY14	1 <sup>st</sup> Qtr FY15



## *More Information*



- **Listing of expected NAVFAC Environmental Contract Opportunities**
  - NAVFAC Webpage: [www.navfac.navy.mil](http://www.navfac.navy.mil)
  - Environmental:  
[https://portal.navfac.navy.mil/portal/page/portal/navfac/navfac\\_ww\\_pp/navfac\\_navfac\\_sw\\_pp/environmental](https://portal.navfac.navy.mil/portal/page/portal/navfac/navfac_ww_pp/navfac_navfac_sw_pp/environmental)
- **Small Business Program Office Webpage:**  
<https://smallbusiness.navfac.navy.mil>
- **Federal Business Opportunities:**  
[www.fedbizops.gov](http://www.fedbizops.gov)





# Questions?

